



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/932,543	09/17/1997	YASUSHI KAWAKURA	1701.39203	5429

7590 09/12/2002

JOSEPH M POTENZA  
BANNER & WITCOFF  
1001 G STREET NW  
WASHINGTON, DC 200014597

EXAMINER

TRAN, HAI V

ART UNIT	PAPER NUMBER
----------	--------------

2611

DATE MAILED: 09/12/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

08/932,543

Applicant(s)

KAWAKURA ET AL.

Examiner

Hai Tran

Art Unit

2611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☒ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-18 have been considered but are moot in view of the new ground(s) of rejection.

### ***Drawings***

The proposed drawing correction and/or the proposed substitute sheets of drawings, filed on 02/08/2002, has been approved.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

1. Claims 1-18 are rejected under 35 U.S.C. 102(e) as being unpatentable by Pinder et al. (US 6105134).

Art Unit: 2611

Regarding claim 1, Pinder discloses an information utilization apparatus (Fig. 1) comprising:

Memory (Fig. 13; Memory 1207, ROM 1219 and non-volatile memory "NVM" 1209 Col. 21, lines 60-Col.22, lines 11) configured to store a delivered piece of information including encoded data and applicable time data defining time period authorizing use of the encoded data (Fig. 19; Col. 33, lines 40-45);

A verification unit (Fig.1, element 119 and Fig. 3) configured to verify whether the applicable time data included in the delivered piece of information in the memory has been falsified (by using the Global broadcast Authenticated Message "GBAM" Fig. 18-20, to determine if broadcast signal with embedded time data has been altered wherein the GBAM are hashed by one-way hash function; Col. 5, lines 54-56; Col. 9, lines 43-55; Col. 32, lines 60-Col. 33, lines 7 and lines 38-45; Col. 35, lines 28-45 and Col. 47, lines 8-60).

Decoding unit (Fig. 1, element 115 and Fig. 2B) configure to decode the encoded data stored in the memory (Col. 7, lines 4-21).

Processing unit (Fig. 12, element 1201) configured to execute an operation data decoded by the decoding unit (Col. 21, lines 55-57) and

Control unit (Fig. 12, element 627) configured to control the decoding unit and the processing unit to operate at an appropriate time in accordance with the verified applicable time data in response to a request for an operation (Col. 21, lines 47-55).

Regarding claim 2, Pinder further discloses wherein the control unit comprises a judging unit configured to judge if a current time is in the time period authorizing use of the encoded data (Col. 33, lines 42-44 and Col. 40, lines 5-11).

Regarding claim 3, Pinder further discloses wherein the control unit controls (Fig. 12, element 627) the processing unit (Fig. 12, element 1201) to operate when the judging unit (Fig. 3,4, 6 element 333) judges that the current time is in the time period authorizing use of encoded data (Col. 33, lines 42-44 and Col. 40, lines 5-11).

Regarding claim 4, Pinder further discloses a reserving unit (DHCTSE 627) configured to prevent operation of the processing unit until the time authorizing use of the encoded data when the judging unit judges that the current time is not in the time period authorizing use of the encoded data (Col. 39, lines 17-56).

Claims 5-18 are met by that discussed above from claims 1-4.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

Art Unit: 2611

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Itoh et al. (US 6282293) shows a system and method for charging fee for video information.

Hirashima (US 4833710) shows a pay television system.

Garfinkle (US 5400402) shows a system for limiting use of downloaded video on demand data.

Art Unit: 2611

**Contact Fax Information**

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or Faxed to:**(703) 872-9314

(for informal or draft communications, please label "PROPOSED" or "DRAFT")

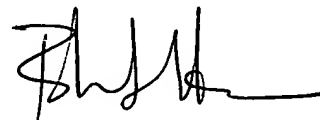
Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hai Tran whose telephone number is 703-308-7372. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile can be reached on 703-305-4380. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-0377.

HT:ht  
September 9, 2002



Bhavesh Mehta  
Primary Examiner